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CRUSHING EQUIPMENT LIST

- Jaw Crushing
- JC Series Jaw Crushers
- Impact Crushing
- CS Cone Crushers
- Hydraulic Cone Crushers
- Spring Cone Crushers
- HCS90 Cone Crushers
- VSI Crushers
- Jaw mobile crushing equipment
- Impact mobile crushing equipment
- Cone mobile crushing equipment
- YGFS Multi-crushing equipment

GRINDING EQUIPMENT LIST

- MTW Trapezium Mill
- LM Vertical Mill
- MTM Trapezium Mill
- High Pressure Suspension Mill
- MXB Coarse Powder Mill
- SCM Series Super Thin Mill
- Raymond Mill
- Ball Mill



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High Pressure Suspension Mill

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◆ Mining Equipment : High Pressure Suspension Grinding Mill

[High Pressure Suspension Mill Overview] The machine is mainly applied to the powder processing of mineral products in the industries of metallurgy, construction materials, chemical, and mining, etc. High Pressure Suspension Mill is a new kind of grinding mill, which is invented by our company chief engineer Mr Bai yinghui, who has been engaged in the research and development of grinding mill for many years. This new patent product with high efficiency and low energy consumption opened up an epoch of the international industry pulverizing.

[High Pressure Suspension Mill Application] High Pressure Suspension Grinding Mill is mainly applied to the powder processing of mineral products in industries of metallurgy, construction, chemistry, and mining etc. The grinding mill can produce powder from more than 280 kinds of non-flammable and non-explosive mineral materials with Mohs hardness below 9.3 and humidity below 6%, such as barite, limestone, calcite, granite, porcelain clay, basalt, gypsum etc.

[High Pressure Suspension Mill Main Features and Benefits] The whole system of High pressure grinding mill consists of main frame, decelerator, classifier, piping device, blower, jaw crusher, dustpan elevator, electromagnetic vibration feeder, and electric switch box motor, etc.

1. Compared with the common Raymond grinding mill under the same power conditions, the capacity can be increased by 10%; moreover, under the performance of high-pressure springs, the rollers grinding pressure on raw materials can be raised by 800-1200kgf. 2. The final product size ranges from the maximum particle diameter of 0.613mm (30mesh) to the finest diameter of 0.033mm (425 mesh). 3. All the mineral materials with Mohs hardness below 9.3 can be crushed. 4. The grinding device adopts a superposition multi-grade sealing with good sealing performance. 5. Its dust-removing effect fully meets the national dust discharge standard. 6. The classifier is easy for adjustment.



High Pressure Suspension Grinding Mill Specifications:

Type	YGM 8314	YGM 9517	YGM 4121	
Roller Number	3	4	5	
Roller	Diameter (mm)	270	310	410
	Height (mm)	140	170	210
Ring	Inner Diameter (mm)	830	950	1280
	Height (mm)	140	170	210
Max. Feeding Size (mm)	20	25	30	
Grain size of finished product (mm)	1.6~0.045	1.6~0.045	1.6~0.045	
Output(t/h)	1.2~4.6	2.1~8	5~11	
Overall Dimension (mm)	5300 × 4100 × 5200	7100 × 5900 × 7900	9200 × 7250 × 9700	
Name	Unit			
Motor of main unit	Model	YGM8314	YGM9517	YGM4121
	Power Kw	22	37	75
	Rotating Rpm		1470	1480
Motor of adjustable varying speed motor	Model	YC T200-4	YCT200-4A	YCT200-4B
	Power Kw	5.5	5.5	7.5
Motor of blower	Model	Y180M-4	Y200L-4	Y250M-4
	Power Kw	22	37	75

Note: This specification is just reference, any changes are subject to the products of High Pressure Suspension Mill.

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